

JNCIA Mist AI Certification Practice Test (Sample)

Study Guide



Everything you need from our exam experts!

This is a sample study guide. To access the full version with hundreds of questions,

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Introduction

Preparing for a certification exam can feel overwhelming, but with the right tools, it becomes an opportunity to build confidence, sharpen your skills, and move one step closer to your goals. At Examzify, we believe that effective exam preparation isn't just about memorization, it's about understanding the material, identifying knowledge gaps, and building the test-taking strategies that lead to success.

This guide was designed to help you do exactly that.

Whether you're preparing for a licensing exam, professional certification, or entry-level qualification, this book offers structured practice to reinforce key concepts. You'll find a wide range of multiple-choice questions, each followed by clear explanations to help you understand not just the right answer, but why it's correct.

The content in this guide is based on real-world exam objectives and aligned with the types of questions and topics commonly found on official tests. It's ideal for learners who want to:

- Practice answering questions under realistic conditions,
- Improve accuracy and speed,
- Review explanations to strengthen weak areas, and
- Approach the exam with greater confidence.

We recommend using this book not as a stand-alone study tool, but alongside other resources like flashcards, textbooks, or hands-on training. For best results, we recommend working through each question, reflecting on the explanation provided, and revisiting the topics that challenge you most.

Remember: successful test preparation isn't about getting every question right the first time, it's about learning from your mistakes and improving over time. Stay focused, trust the process, and know that every page you turn brings you closer to success.

Let's begin.

How to Use This Guide

This guide is designed to help you study more effectively and approach your exam with confidence. Whether you're reviewing for the first time or doing a final refresh, here's how to get the most out of your Examzify study guide:

1. Start with a Diagnostic Review

Skim through the questions to get a sense of what you know and what you need to focus on. Don't worry about getting everything right, your goal is to identify knowledge gaps early.

2. Study in Short, Focused Sessions

Break your study time into manageable blocks (e.g. 30 - 45 minutes). Review a handful of questions, reflect on the explanations, and take breaks to retain information better.

3. Learn from the Explanations

After answering a question, always read the explanation, even if you got it right. It reinforces key points, corrects misunderstandings, and teaches subtle distinctions between similar answers.

4. Track Your Progress

Use bookmarks or notes (if reading digitally) to mark difficult questions. Revisit these regularly and track improvements over time.

5. Simulate the Real Exam

Once you're comfortable, try taking a full set of questions without pausing. Set a timer and simulate test-day conditions to build confidence and time management skills.

6. Repeat and Review

Don't just study once, repetition builds retention. Re-attempt questions after a few days and revisit explanations to reinforce learning.

7. Use Other Tools

Pair this guide with other Examzify tools like flashcards, and digital practice tests to strengthen your preparation across formats.

There's no single right way to study, but consistent, thoughtful effort always wins. Use this guide flexibly — adapt the tips above to fit your pace and learning style. You've got this!

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Questions

- 1. Which are two advantages of using the Juniper Mist cloud over traditional on-premises WLAN controllers?**
 - A. Cost efficiency and security enhancements**
 - B. Weekly updates and machine learning capabilities**
 - C. Customizability and ease of deployment**
 - D. Local storage and offline access**
- 2. Which two categories are part of the Connectivity Marvis Action?**
 - A. ARP failure and DNS failure**
 - B. Traffic analysis and Performance metrics**
 - C. Network segmentation and User login**
 - D. Device connection and Data retrieval**
- 3. Which statements are correct about creating Mist sites?**
 - A. A Mist site can only belong to a single organization.**
 - B. Sites can be shared across multiple organizations.**
 - C. A site can contain multiple organizations.**
 - D. Site management is limited to one-user accounts.**
- 4. Which troubleshooting feature allows a user to analyze client performance over time?**
 - A. Historical Data Logs**
 - B. Client Insights**
 - C. Session Statistics**
 - D. Performance Alerts**
- 5. What are two requirements for Mist Wired Visibility for switches?**
 - A. LLDP enabled switch**
 - B. A Juniper AP**
 - C. Static IP configuration**
 - D. Physical network access**

- 6. What administrator role is required to view audit logs in the Mist system?**
- A. Read-only user**
 - B. Guest user**
 - C. Super user**
 - D. Network operator**
- 7. Which two methods are supported for configuring a Mist environment?**
- A. Use the API**
 - B. Use the CLI**
 - C. Use a web interface**
 - D. Use email commands**
- 8. How many total user minutes would 30 users generate if tracked for 30 minutes on Mist?**
- A. 300**
 - B. 600**
 - C. 900**
 - D. 1200**
- 9. What is the role of Marvis Actions in network management?**
- A. To deploy firmware updates**
 - B. To analyze user behavior**
 - C. To identify and resolve network issues**
 - D. To monitor employee productivity**
- 10. Which subscription status is displayed when the feature of a purchased subscription is in use beyond the amount allowed?**
- A. Active**
 - B. Pending**
 - C. Exceeded**
 - D. Expired**

Answers

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1. B
2. A
3. A
4. B
5. A
6. C
7. A
8. C
9. C
10. C

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Explanations

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1. Which are two advantages of using the Juniper Mist cloud over traditional on-premises WLAN controllers?

- A. Cost efficiency and security enhancements**
- B. Weekly updates and machine learning capabilities**
- C. Customizability and ease of deployment**
- D. Local storage and offline access**

The two advantages of using the Juniper Mist cloud over traditional on-premises WLAN controllers are indeed focused on weekly updates and machine learning capabilities. Regular updates are a significant advantage because they ensure that the software is always current with the latest features, security patches, and performance enhancements. This is typically done automatically in a cloud environment, reducing the burden on IT staff to manage updates manually, which is common with traditional on-premises systems that require scheduled downtime or manual intervention to maintain. Machine learning capabilities allow Juniper Mist to analyze network data and provide intelligent insights. This can lead to better performance optimization, proactive troubleshooting, and enhanced user experiences based on behavioral patterns. Traditional on-premises solutions often lack this level of sophisticated analytics and might not leverage real-time data as effectively, resulting in slower response times to issues. While other options might address certain functionalities, they do not encapsulate the key advantages of embracing a cloud-centric model that leverages the benefits of regular updates and advanced analytics through machine learning.

2. Which two categories are part of the Connectivity Marvis Action?

- A. ARP failure and DNS failure**
- B. Traffic analysis and Performance metrics**
- C. Network segmentation and User login**
- D. Device connection and Data retrieval**

The correct choice highlights categories that are integral to the Connectivity Marvis Action, which focuses on identifying and troubleshooting connection issues within a network. ARP (Address Resolution Protocol) failure is significant as it relates to the ability of devices to communicate within the local network segment, as ARP translates IP addresses into MAC addresses. If ARP fails, devices cannot properly connect to each other, leading to broader connectivity problems. Similarly, DNS (Domain Name System) failure is critical because it affects the network's ability to resolve domain names to IP addresses, which is essential for accessing external resources and services. When DNS fails, users may experience issues accessing websites or services, further indicating a breakdown in connectivity. The emphasis on these two categories—ARP and DNS failure—illustrates the fundamental need for establishing device communication and addressing potential connectivity disruptions in a network environment. This aspect of connectivity ensures that devices are reachable and can function correctly in their intended network roles. Other choices either deal with more general performance aspects, user authentication, or categories that don't directly pertain to immediate connectivity issues, thereby making them less relevant to the specific focus of the Marvis Action.

3. Which statements are correct about creating Mist sites?

- A. A Mist site can only belong to a single organization.**
- B. Sites can be shared across multiple organizations.**
- C. A site can contain multiple organizations.**
- D. Site management is limited to one-user accounts.**

A Mist site can indeed only belong to a single organization. This is fundamental to the architecture of Mist's cloud-based environment, as it ensures that the configurations, data, and resources associated with a site are centralized and managed within a distinct organizational context. Each site is intended to reflect the specific needs and settings for a particular organization, promoting better security, data management, and operational effectiveness. The design prevents cross-contamination of configurations or data across different organizations, which is crucial for maintaining data integrity and security protocols. Each organization's site allows for customized settings, policies, and analytics relevant to its operations, which would be challenging to manage if multiple organizations could share or co-manage a single site. This structure supports distinct operational governance, ensuring that organizations can manage their resources independently without interference or complications arising from shared site environments.

4. Which troubleshooting feature allows a user to analyze client performance over time?

- A. Historical Data Logs**
- B. Client Insights**
- C. Session Statistics**
- D. Performance Alerts**

Client Insights is the correct choice as it provides a comprehensive overview of client performance over time, enabling users to effectively analyze trends and behaviors. This feature aggregates various types of data, allowing users to see how clients interact with the network on a long-term basis. Through Client Insights, users can monitor metrics such as connection quality, throughput, and latency, helping to pinpoint performance issues and understand the overall client experience. The other options serve different purposes. Historical Data Logs typically focus on storing records of previous events and activities rather than analyzing ongoing performance trends. Session Statistics provide real-time metrics regarding active sessions, which can be useful for immediate troubleshooting but do not extend to long-term analysis. Performance Alerts notify users of specific issues or thresholds being reached but do not offer a continuous view of client performance over time like Client Insights does.

5. What are two requirements for Mist Wired Visibility for switches?

- A. LLDP enabled switch**
- B. A Juniper AP**
- C. Static IP configuration**
- D. Physical network access**

For Mist Wired Visibility to function effectively, one of the key requirements is having LLDP (Link Layer Discovery Protocol) enabled on the switch. LLDP is a network protocol used for discovering information about nearby devices on a local area network (LAN). When LLDP is enabled, switches can send and receive information about themselves and their capabilities with other connected devices. This capability is critical for Mist's network management and visibility features, as it allows the platform to gather and utilize data on connected devices to enhance visibility and provide insights about the network's performance and configuration. While options such as physical network access and the presence of a Juniper AP could be relevant for general connectivity or infrastructure requirements, they do not specifically pertain to the visibility function provided by Mist for switches. Static IP configuration may also be useful, but it is not a prerequisite for enabling wired visibility as long as devices can communicate within the network. The essential aspect in this case is the enabling of LLDP to ensure the necessary data can be exchanged for effective visibility management.

6. What administrator role is required to view audit logs in the Mist system?

- A. Read-only user**
- B. Guest user**
- C. Super user**
- D. Network operator**

The role of a Super User in the Mist system is optimized for comprehensive access and control, which includes the ability to view audit logs. Audit logs are critical for monitoring system activity, tracking changes, and ensuring compliance, all of which require a high level of administrative permissions. A Super User is typically equipped with extensive privileges across the system, allowing them to manage users, view, and interpret logs, and perform administrative tasks that lesser roles cannot. By having this authority, the Super User can ensure that they are fully informed about the network's operational history and any actions taken within it, which is pivotal for effective network management and security oversight. Essentially, audit logs serve as a valuable resource for any troubleshooting or audits, making the ability to access them a key feature of the Super User role, while other roles like Read-only users, Guest users, and Network operators do not have the same broad scope of access required to view these logs.

7. Which two methods are supported for configuring a Mist environment?

- A. Use the API**
- B. Use the CLI**
- C. Use a web interface**
- D. Use email commands**

The supported method for configuring a Mist environment using the API is a strong option because it allows for programmatic access to Mist's functionalities, enabling automation and integration with other systems. The API can facilitate bulk configurations, real-time data retrieval, and interaction with the Mist environment in a way that is reliable and scalable. This method is especially useful for developers and network engineers who want to create custom scripts or integrate Mist solutions within larger IT frameworks. Utilizing the API can also be beneficial for those looking to implement continuous integration and deployment practices, making it an essential tool for managing network configurations efficiently. While the other methods for configuration, such as the CLI and web interface, are utilized within network management, they may not provide the same level of flexibility and programmability that the API offers. Email commands are not typically used for configuration within modern network environments, focusing instead on more direct and secure interaction methods.

8. How many total user minutes would 30 users generate if tracked for 30 minutes on Mist?

- A. 300**
- B. 600**
- C. 900**
- D. 1200**

In this scenario, to calculate the total user minutes generated by 30 users tracked for 30 minutes, you multiply the number of users by the duration they are tracked. So, you have 30 users and each user is tracked for 30 minutes. The total user minutes can be determined using the formula: $\text{Total User Minutes} = \text{Number of Users} \times \text{Tracking Duration}$. In this case: $\text{Total User Minutes} = 30 \text{ users} \times 30 \text{ minutes} = 900 \text{ user minutes}$. This calculation leads to the answer of 900, which aligns with the provided solution. Each user contributes their tracking duration to the total user minutes, emphasizing the cumulative nature of the data collected on the Mist platform.

9. What is the role of Marvis Actions in network management?

- A. To deploy firmware updates**
- B. To analyze user behavior**
- C. To identify and resolve network issues**
- D. To monitor employee productivity**

Marvis Actions play a crucial role in network management by identifying and resolving network issues. This feature leverages AI-driven insights to analyze network performance and user experiences, enabling it to proactively detect anomalies or potential problems within the network environment. Marvis can automatically suggest actions or solutions to remedy these issues, significantly reducing the time taken for manual troubleshooting and enhancing overall network reliability. Identifying and resolving network issues is critical for maintaining seamless operations, as it helps ensure optimal performance and minimizes downtime. By employing machine learning algorithms, Marvis can continuously learn from network behaviors, which further improves its ability to predict and address future network challenges effectively. This proactive approach to network management not only improves user experience but also facilitates more efficient use of IT resources.

10. Which subscription status is displayed when the feature of a purchased subscription is in use beyond the amount allowed?

- A. Active**
- B. Pending**
- C. Exceeded**
- D. Expired**

The status "Exceeded" is displayed when the feature of a purchased subscription is in use beyond the amount allowed. This indicates that the usage limits associated with the subscription have been surpassed, meaning that the number of features or service instances being utilized is greater than what was originally purchased. This status notifies the user that they must either reduce their usage or upgrade their subscription to accommodate the additional requirements. In contrast, the other statuses represent different scenarios: "Active" indicates that the subscription is currently in use within its limitations, "Pending" refers to a status where the subscription is awaiting activation or confirmation, and "Expired" indicates that the subscription period has ended and is no longer valid. Each of these statuses serves a distinct purpose and helps users manage their subscriptions effectively.

Next Steps

Congratulations on reaching the final section of this guide. You've taken a meaningful step toward passing your certification exam and advancing your career.

As you continue preparing, remember that consistent practice, review, and self-reflection are key to success. Make time to revisit difficult topics, simulate exam conditions, and track your progress along the way.

If you need help, have suggestions, or want to share feedback, we'd love to hear from you. Reach out to our team at hello@examzify.com.

Or visit your dedicated course page for more study tools and resources:

<https://jnciaimistaicert.examzify.com>

We wish you the very best on your exam journey. You've got this!